

METHOD OF MIXING USING MIXING DEVICE HAVING VANES WITH SLOPING EDGES

ABSTRACT OF THE INVENTION

The present invention is a mixing device and a method of mixing viscous fluids with a mixing device. The mixing device includes a shaft and a support mounted for rotation with the shaft. A plurality of vanes extend from the support and are mounted for rotation with the shaft, the vanes extending generally parallel to the shaft and positioned radially outward from the shaft. The vanes have a sloping inner edge which is positioned closer to the shaft at a first portion of the vane than a second portion of the vane. In use, the mixing device is located in a viscous fluid and the shaft is rotated, thereby effecting rotation of the vanes, causing fluid to move through the vanes and mix the fluid.

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